

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A mobile communication terminal for use in a cellular mobile communication system, comprising:

a circuit configured to acquire a first neighbor list from a first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating a first plurality of peripheral base stations existing near the first base station;

a memory configured to store the acquired first neighbor list;

a circuit configured to acquire, if the serving base station is handed off in a standby mode from the first base station to a second base station, a second neighbor list from the second base station that is the serving base station after the handing-off, the second neighbor list storing data indicating a second plurality of peripheral base stations existing near the second base station;

a circuit configured to additionally store the acquired second neighbor list in the memory;

a setting circuit configured to set priority levels for the peripheral base stations listed in the first and second neighbor lists stored in the memory;

a measurement circuit configured to measure, when the mobile communication terminal and the second base station are synchronized with each other, communication quality between the mobile communication terminal and each of the peripheral base

stations listed in the first and second neighbor lists, in a decreasing order of priority level set by the setting circuit; and

a circuit configured to select, as a hand-off destination candidate, one station from the first plurality of peripheral base stations indicated in the first neighbor list and the second plurality of peripheral base stations indicated in the second neighbor list, which satisfies a preset condition, based on the measured communication quality[[.]],

wherein the first neighbor list and the second neighbor list are combined without determining characteristics of the serving base station and corresponding cell, and the memory stores the first neighbor list until a total number of occasions in which selection for selecting the hand-off destination candidate is performed reaches a preset value, and the first neighbor list is erased from the memory after the total number of occasions reaches the preset value.

2. (Canceled)

3. (Original) The mobile communication terminal according to claim 1, wherein the memory stores the first neighbor list for a preset time.

4. (Previously Presented) The mobile communication terminal according to claim 1, wherein the measurement circuit measures reception quality of a pilot signal transmitted from each of the first and second pluralities of peripheral base stations.

5. (Previously Presented) The mobile communication terminal according to claim 1, wherein the measurement circuit measures the communication quality between the mobile communication terminal and each of the second plurality of peripheral base stations listed in the acquired second neighbor list, the measurement circuit also measuring the communication quality between the mobile communication terminal and those of the first plurality of peripheral base stations listed in the stored first neighbor list, which are obtained by excluding the first plurality of peripheral base stations doubly listed as the second plurality of peripheral base stations in the second neighbor list.

6. (Original) A mobile communication terminal for use in a cellular mobile communication system, comprising:

a circuit configured to acquire a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating first peripheral base stations existing near the first base station;

a memory configured to store the acquired first neighbor list;

a circuit configured to acquire, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating second peripheral base stations existing near the second base station;

a first measurement circuit configured to measure, when the second base station is serving the mobile communication terminal in a standby mode, communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list;

a first selection circuit configured to select, as a hand-off destination candidate, one of the second peripheral base stations, which satisfies a preset condition, based on the measured communication quality between the mobile communication terminal and each of the second peripheral base stations;

a second measurement circuit configured to measure the communication quality between the mobile communication terminal and each of the first peripheral base stations listed in the first neighbor list, if the second peripheral base stations do not satisfy the preset condition; and

a second selection circuit configured to select, as the hand-off destination candidate, one of the first peripheral base stations, which satisfies the preset condition, based on the measured communication quality between the mobile communication terminal and each of the first peripheral base stations.

7. (Original) The mobile communication terminal according to claim 6, wherein the memory stores the first neighbor list until a number of occasions in which selection for selecting the hand-off destination candidate is performed reaches a preset value.

8. (Original) The mobile communication terminal according to claim 6, wherein the memory stores the first neighbor list for a preset time.

9. (Original) The mobile communication terminal according to claim 6, wherein the first and second measurement circuits measure reception quality of a pilot signal transmitted from each of the first and second peripheral base stations.

10. (Original) The mobile communication terminal according to claim 6, wherein the second measurement circuit measures the communication quality between the mobile communication terminal and those of the first peripheral base stations listed in the stored first neighbor list, which are obtained by excluding the first peripheral base stations doubly listed as the second peripheral base stations in the second neighbor list.

11. (Original) The mobile communication terminal according to claim 6, further comprising a search circuit configured to search; if the first peripheral base stations do not satisfy the preset condition, an unspecified number of peripheral base stations for a peripheral base station having communication quality which satisfies the present condition.

12. (Currently Amended) A control unit incorporated in a mobile communication terminal for use in a cellular mobile communication system, the mobile communication terminal also incorporating a radio unit configured to transmit and receive radio signals to and from base stations, the radio unit being connected to the control unit, the control unit comprising:

a first reception control section configured to make the radio unit to receive a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating a first plurality of peripheral base stations existing near the first base station;

a memory configured to store the received first neighbor list;

a second reception control section configured to make the radio unit to receive, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating a second plurality of peripheral base stations existing near the second base station;

a section configured to additionally store the acquired second neighbor list in the memory;

a setting section configured to set priority levels for the peripheral base stations listed in the first and second neighbor lists stored in the memory;

a measurement control section configured to measure, when the mobile communication terminal and the second base station are synchronized with each other, communication quality between the mobile communication terminal and each of the peripheral base stations listed in the first and second neighbor lists, in a decreasing order of priority level set by the setting section; and

a selection section configured to select, as a hand-off destination candidate, one station from the first plurality of peripheral base stations indicated in the first neighbor list and the second plurality of peripheral base stations indicated in the second neighbor list, which satisfies a preset condition, based on the measured communication quality[[.]],

wherein the first neighbor list and the second neighbor list are combined without determining characteristics of the serving base station and corresponding cell, and the memory stores the first neighbor list until a total number of occasions in which selection for selecting the hand-off destination candidate is performed reaches a

preset value, and the first neighbor list is erased from the memory after the total number of occasions reaches the preset value.

13. (Original) A control unit incorporated in a mobile communication terminal for use in a cellular mobile communication system, the mobile communication terminal also incorporating a radio unit configured to transmit and receive radio signals to and from base stations, the radio unit being connected to the control unit, the control unit comprising:

a first reception control section configured to make the radio unit to receive a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating first peripheral base stations existing near the first base station;

a memory configured to store the received first neighbor list;

a second reception control section configured to make the radio unit to receive, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating second peripheral base stations existing near the second base station;

a first measurement control section configured to measure, when the second base station is serving the mobile communication terminal in a standby mode, communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list, based on the signal received by the radio unit;

a first selection section configured to select, as the hand-off destination candidate, one of the second peripheral base stations which satisfies a preset condition, based on the communication quality measured by the first measurement control section;

a second measurement control section configured to measure, if the second peripheral base stations do not satisfy the preset condition, communication quality between the mobile communication terminal and each of the first peripheral base stations listed in the stored first neighbor list, based on the signal received by the radio unit; and

a second selection control section configured to select, as the hand-off destination candidate, one of the first peripheral base stations which satisfies the preset condition, based on the communication quality measured by the second measurement control section.